

C3-R® and Keratoconus Information Sheet

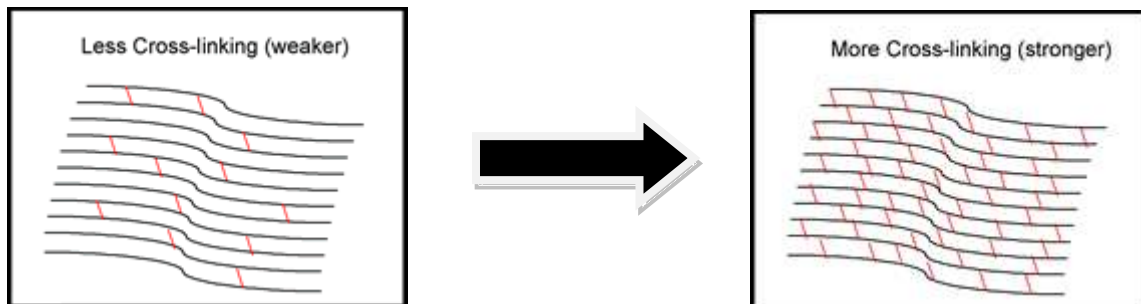
Dr. Brian Boxer Wachler is Credited as the Inventor of the C3-R® Procedure for Keratoconus

C3-R® is a revolutionary non-surgical alternative to invasive and painful cornea transplants previously used for the treatment of keratoconus.

Keratoconus is a devastating disease that affects millions of people worldwide. It causes people to lose their ability to read, drive a car, and live a normal life. It can often result in legal blindness when the disease is not controlled.

C3-R® works by increasing collagen crosslinking, which are the natural "anchors" within the cornea that in turn keeps the corneal shape stable and can treat keratoconus.

These collagen anchors are responsible for preventing the cornea from bulging out and becoming steep and irregular (**which is the cause of keratoconus**).



The figures above show the parallel corneal layers and the collagen cross-linking which are typically increased after C3-R® treatment.

C3-R® is a 30-minute, in-office procedure. During the treatment, custom-made riboflavin eye drops are applied to the cornea, which are then activated by a special light. This is the process that has been shown in laboratory and clinical studies to increase the amount of collagen cross-linking in the cornea and strengthen it as well.

For media inquiries please contact Tyler Barnett at 323.937.1951 or tyler@tylerbarnettpr.com

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